

Capital Improvements Committee
June 13, 2011

Item No. 1: Roll Call: Mayor Raeanne Presley, City Administrator Dean Kruithof, Alderman Rick Todd, Alderman Bob Simmons, Nelda Lies, and Jerry Emery. Also present were Assistant Public Works Director Keith Francis, Michael Pinkley, Environmental Specialist, Mona Menezes and Environmental Intern, Adam East.

Item No. 2: Meeting called to order 10:32 a.m.

Item No. 3: Stormwater Management Presentation. Mayor Presley explained the history of stormwater issue to the committee members and that Keith Francis and Michael Pinkley recently attended a stormwater conference. She explained that she had requested that changes in the population due to the 2010 census have mitigated changes to the city's stormwater requirements. Mr. Francis explained that Ms. Menezes also worked with stormwater in the City of Columbia.

Mr. Francis explained his power point presentation to the committee members. He stated that as a result of the census figures, once the city receives notification from the Department of Natural Resources (DNR), the city will be required to submit an MS4 permit application and storm water management plan. Mr. Francis explained the definition of an MS4 permit is a municipal separate storm sewer system and is not necessarily required by municipalities. He stated that the EPA regulates the requirements and hands down the governing to the individual states. He further explained that an MS4 is a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains. He stated that the EPA labels MS4's as either Phase 1 or Phase II communities by population numbers. Mr. Francis further stated that the 1987 Clean Water Act amendments brought in Phase 1 communities and 5-acre land disturbance projects and the 1999 amendments brought in Phase II communities which lowered land disturbance regulation to one acre, MS4's within urbanized areas allowing DNR to exempt those less than 1,000.

Mr. Francis explained that the MS4 permit requires a written comprehensive stormwater management plan that includes certain major components such as ordinances for construction runoff, a mapping of all storm sewer outfalls, training of employees, and written procedures and policies. He stated that there are also 6 minimum control measures of the stormwater management plan which include public education and outreach, public involvement and participation, illicit discharge detection and elimination, construction site stormwater runoff control, post-construction stormwater management in new development and redevelopment and pollution prevention. Alderman Simmons inquired if the stormwater management plan also included smaller drainage areas. Mr. Francis replied in the affirmative. Mr. Francis stated that the city GIS department is currently utilizing an intern in the engineering department to obtain information using a handheld GIS which downloads into our current GIS system. He stated the stormwater management plan will also require training employees to inspect and obtain water samples after storm events. Nelda Lies questioned if the city would have to hire more employees or utilize current staff. Mr. Francis replied that it would involve in-house training but currently there are not enough employees currently on staff. He stated that it would involve the creation of an operations manual and policies. Ms. Lies inquired if the city is responsible for writing the

procedures to which Mr. Francis replied in the affirmative. Mayor Presley expressed concern that the city's current design criteria is outdated. Mr. Francis stated that the current design criteria does not currently meet the water quality standards which require an SWPPP (stormwater pollution prevention plan) by developers. Michael Pinkley stated that small permits 1 acre or less come through the city but larger projects of more than 1 acre are regulated by Jefferson City. Ms. Lies questioned if counties are required to do the same by having stormwater measures. Mayor Presley replied that according to information she received from conference in Washington, DC, there is no level playing field. Mr. Francis stated that DNR pushes sustainability and green infrastructure. Administrator Kruithof stated that low impact development is less costly. Mayor Presley stated that the challenge ahead lies with a change of attitude. Jerry Emery stated that he has experience in crash safety and that gutters are better for drivers but that in his experience safety people fight with environmental people as to what is best. Alderman Simmons inquired if there are any thoughts as to any advanced education measures so that citizens and public won't be surprised by changes. Mr. Francis explained that it will involve continuing education and Michael Pinkley stated that St. Louis County uses MSD under co-permitting process with 60 cities and by that contract they are responsible for outreach to community and are readily available. Alderman Todd suggested that the development of the plan include public involvement. Mr. Francis stated that the storm water committee would be comprised of engineers, developers and citizens and that the ordinances would outline requirements and infractions. Mr. Francis stated that in his discussions with DNR, the criteria assessment for incoming MS4's as a result of the census figures, should be complete by the end of the month. He stated that once the city receives written notification by letter from DNR, the city's timeline will begin. He stated that the city would possibly be in the next application deadline or December 2012 which will buy about a year of time and will the city time to include new information coming out in the new federal regulations. Alderman Todd inquired as to how long before the application would be fully approved. Mayor Presley replied about 18 months. Mr. Pinkley stated that DNR is currently rewriting regulations and that according to his information, 6 Missouri cities are involved as a result of the census. Mr. Francis stated that there is very minimal funding available through the state. Some discussion ensued concerning educating realtors and citizens. Mayor Presley suggested the possibility of a stormwater utility and/or utility/park tax to cover the costs of implementing the plan. Mr. Francis stated that the City of Springfield utilized tax dollars to implement green space, pervious parking lots, etc. Mayor Presley suggested the city devise a plan including staffing and plan monies. She inquired if the funding source would require a vote or revising budget. Mr. Francis stated that he has been reviewing and talking with Springfield Principle Storm water Engineer. City of Springfield used Wright Water Engineers who are experts on storm water implementation to help revise their storm water design criteria. Mayor Presley inquired if there is another 4th class city in the State of Missouri going through this process. Ms. Menezes stated when the stormwater management plan was implemented in Columbia, they avoided the use of the word tax and used utility instead. Michael Pinkley suggested that the city review the City of Liberty's stormwater management plan. Mayor Presley stated that there will be great value in setting up a separate committee of which Alderman Todd agreed. Alderman Todd suggested that the city get into benchmarking, bringing in speakers, create a committee and begin process for submission of permit application. Nelda Lies stated that public relations will be very important. Some discussion of positive aspects and community education and how important this will be to the process. Nelda Lies suggested that the city target people to win over about advantages of plan. Alderman Simmons

stated the importance of cost breakdown and funding. Mr. Francis suggested a meeting with Administrator Kruithof, Mayor Presley, David Miller, Mike Ray and himself to create steps to implement process. Alderman Todd suggested that the city use Mr. Francis as a resource along with City Engineer David Miller and Ms. Menezes. Alderman Todd also suggested press releases as the city moves through the process. Ms. Lies suggested that the city have 3 plans to include funding, implementation and public relations. Ms. Menezes stated that there are ways to achieve a win-win situation. Mr. Emery suggested that the focus be on how the city is going to comply, but concerned with other costs associated with process.

Item No. 4: Capital Project Status Update. Mr. Francis explained that the city received the report from the state concerning the Veteran's Boulevard/Business 65 bridge evaluation. He stated that the costs to rehabilitate the bridge will cost approximately \$986,000 and that to completely replace the bridge will cost approximately 5M. He explained that the report states that repairs include the cantilevered sidewalk, deck repairs, columns, and bents under the bridge. He further explained that 1/3 of the cost is sidewalk repair at a cost of approximately \$300,000. Mayor Presley stated that the long term capital projects did not include construction costs for the Veterans Boulevard bridge and expressed concern that there may be other capital improvement projects under design that are not funded for construction. Alderman Simmons inquired if there were any cost share monies available. Mr. Francis replied that this bridge was given over to the city so according to his information there are no cost share monies.

Mayor Presley suggested that Mr. Francis meet with other alderman to discuss overlay and resurfacing projects for this year prior to bid.

Mayor Presley suggested that staff provide information at next meeting concerning the prevailing wage setback discussed in this month's edition of the Missouri Municipal Report magazine and how this change will reflect on the city or if it has any impact.

There being no further business, the meeting was adjourned at 12:20 p.m.